

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L48	2	seismic and (source with receiver with trace with (convolut\$4 or convolv\$4)) and (surface adj multiple \$2) and (offset same azimuth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:49
L46	3	seismic and (source with receiver with trace with (convolut\$4 or convolv\$4)) and (surface adj multiple \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:48
L43	166	367/23.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:47
L42	480	367/21,23.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:47
L41	219	367/24.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:47
L26	14	seismic and (surface with multiple) and (offset with differential with moveout)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L25	4	L24 and (offset same migrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42

L24	9	(US-20090129202-\$ or US-20070189117-\$). did. or (US-7505360-\$ or US-6735527-\$ or US-6678207-\$ or US-6169959-\$ or US-4887243-\$ or US-7181347-\$ or US-5987389-\$).did.	US-PGPUB; USPAT	OR	ON	2010/05/13 14:42
L23	7	(surface near3 multiple \$2) and seismic and (trace\$2 same (convolv \$4 or convolut\$4)) and (cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L22	0	(surface near3 multiple \$2) and seismic and (trace\$2 same (convolv \$4 or convolut\$4)) and (cell with structure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L21	28	("3339176"   "3344395"   "3371310"   "3381266"   "3421140"   "3581274"   "3599175").PN. OR ("4887243").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 14:42
L20	14	("4363113"   "4415999"   "5062086"   "5978314").PN. OR ("6169959").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 14:42
L19	57	("3343626"   "3371310"   "3943484"   "3952281"   "4146871"   "4234938"   "4323876"   "4344158"   "4353121"   "4486865"   "4520467"   "4644507"   "4688198"   "4752916"   "4799201"   "4837723"   "4910716"   "4935903"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 14:42

		"4937794"   "4979150"   "4992992"   "4992995"   "5051960"   "5051961"   "5182729"   "5253217"   "5309360"   "5365492"   "5384752"   "5396472"   "5400299"   "5442591"   "5448531"   "5621700"   "5696734"   "5729506"   "5754492"   "5757723"   "5774416"   "5774417"   "5793702"   "5835451"   "5963507"   "5991238"   "5995905"   "6021090"   "6101448"   "6151275"   "6263285").PN. OR ("6678207").URPN.				
L18	6	("5587967"   "6021379"   "6263284").PN. OR ("6735527").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 14:42
L17	17	("20050065758"   "20050088913"   "20060098529"   "20060155477"   "20060190181"   "20060203613"   "20060247860"   "20060250892"   "20070032954"   "20070064530"   "20070268780"   "6021379"   "6480440"   "6636810"   "6832161"   "7181347"   "7257492").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 14:42

		("7505360").URPN.				
L16	20	(surface near3 multiple \$2) and seismic and (trace\$2 same (convolv \$4 or convolut\$4)) and (window or aperture) and (midpoint or mid-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L15	26	dragoset.in. and seismic and multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L14	55	moore.in. and seismic and multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L13	6	bisley.in. and seismic and multiple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L12	31	(surface near3 multiple \$2) and seismic and (trace\$2 same (convolv \$4 or convolut\$4)) and (window or aperture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L11	316	367/15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L10	219	367/24.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L9	8	"6169959".pn. "4887243".pn. "3371310".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42

L8	38	seismic and (source with receiver with (signal or data or trace) with (convolut\$4 or convolv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L7	8	seismic and (source with receiver with trace with (convolut\$4 or convolv\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L6	5	L4 L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L5	2	L2 and (shot-side or (shot adj side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L4	3	L2 and (source-side or (source adj side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L3	80	(bisley.in. moore.in. dragoset.in.) and seismic and (multiple or ghost)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L2	23	(surface near3 multiple \$2) and seismic and (pair\$2 with trace\$2) and (convolv\$4 or convolut\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42
L1	0	(surface near3 multiple \$2) and seismic and (pair\$2 with trace\$2) and (convolv\$4 or convolut\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 14:42

**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L47	3	seismic and (source with receiver with trace with (convolut \$4 or convolv\$4)) and (surface adj multiple\$2)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:48
L45	202	367/24.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:47
L44	130	367/23.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:47
L40	14	seismic and (surface with multiple) and (offset with differential with moveout)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:46
L39	2	35 and (surface ajd multiple) and (TARGET ADJ TRACE)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:46
L38	4	35 and (surface ajd multiple)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:45
L37	50	36 and seismic and surface and multiple	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:45
L36	20561	bisley.in. moore.in. dragoset.in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:45
L35	4	31 32 33 34	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:43
L34	2	27 and (shot adj side)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:43
L33	2	27 and (source adj side)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:43
L32	2	27 and (source-side)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:43

L31	2	27 and (shot-side)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:43
L30	2	27 and (shot-side)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:43
L29	22	27nd (shot-side)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:42
L28	193	27nd (shot adj side)	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:42
L27	35	seismic and (convolution or convolv\$4) and midpoint and azimuth and offset	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/13 14:42

**5/13/10 2:59:00 PM**

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